

## CLAIMS

1. A fuel supply system for feeding fuel from a fuel tank to an internal combustion engine of a motor vehicle with a plurality of feed units arranged in the fuel tank, in which the feed units each have a surge chamber for collecting fuel and at least one suction jet pump for filling one of the surge chambers, characterized in that a suction side (13, 13') of the suction jet pump (14, 14') provided for filling a first surge chamber (6, 6') is arranged in a second surge chamber (6, 6').
2. The fuel supply system as claimed in claim 1, characterized in that a suction jet pump (14, 14') is arranged in each of the surge chambers (6, 6') and feeds fuel into another surge chamber (6, 6').
3. The fuel supply system as claimed in claim 1 or 2, characterized in that the suction jet pumps (14, 14') in each case have essentially the same feed capacity.
4. The fuel supply system as defined in claim 1, wherein the suction sides (13, 13') of the suction jet pumps (14, 14') are arranged above a designated minimum height in the surge chamber (6, 6').
5. The fuel supply system as defined in claim 1, wherein each of the suction jet pumps (14, 14') feeding into the first surge chamber (6, 6') has an individual feed line.
6. The fuel supply system as defined in claim 1, wherein suction jet pumps (14, 14') are arranged in different surge chambers (6, 6') and are interconnected with a common collecting line (17, 19).
7. The fuel supply system as defined in claim 6, wherein the collecting line (19) for each of the surge chambers (6, 6') in each case has an inflow (20, 20') connected to the suction jet pump (14, 14') and an outflow (21, 21') connected to the surge chamber (6, 6').
8. The fuel supply system as defined in claim 1, wherein working fluid connections (15, 15') of the suction jet pumps (14, 14') are present to connect to a return line (18) returning fuel from an internal combustion engine into the fuel tank.

9. The fuel supply system as defined in claim 8, wherein the working fluid connections (15, 15') of the suction jet pumps (14, 14') are connected to a feed unit (5, 5') arranged in a surge chamber (6, 6').